Author Index

Abada H.T. . . . 454
Abe M. . . . 205, 208
Adam A. . . . 501
Akaji H. . . . 17
Akiba H. . . . 342
Akima T. . . . 254
Akimoto K. . . . 102
Akpek S. . . . 386
Alfke H. . . . 50
Altmann E. . . . 165
Amano Y. . . . 345
Amiel M. . . . 11
Andrews R.T. . . . 424
Angle J.F. . . . 503
Arora L.C. . . . 135
Arora R. . . . 219
Aruny J.E. . . . 314
Awatani T. . . . 230
Bakker J. . . . 116
Balzano S. . . . 421
Bankier A. . . . 129
Barkmeier J.M. . . . 324
Bawa S.M. . . . 234
Belli A.-M. . . . 95
Berger M.F. . . . 314
Berghammer P. . . . 214
Betz E. . . . 487
Beveridge C.J. . . . 244
Binkert C.A. . . . 22
Bloch R. . . . 497
Boos I. . . . 487
Boos I.B.L. . . . 109, 375
Bradley E.A. . . . 357
Brossman J. . . . 142
Brosstad F. . . . 329
Bruhn H.D. . . . 142
Bücker A. . . . 189, 411
Burgess P.A. . . . 475
Calmer C. . . . 50
Carreira J.M. . . . 41
Cavenaile J.C. . . . 454
Chamberlain J. . . . 244
Chen L.-T. . . . 350
Chimeno P.C. . . . 506
Choh J. . . . 88
Ciancio A. . . . 393
Cramer B.M. . . . 380
Cwikiel W. . . . 57
Darby A.J. . . . 122
David E. . . . 393
Davies R.P. . . . 433
de Baere T. . . . 399
de Marie S. . . . 116
de Ridder M.A.J. . . . 116
De Sanctis J.T. . . . 273
Debatin J.F. . . . 1, 404
Dempsey J. . . . 88
Dibie A. . . . 151
DiSalle R.S. . . . 172
Dolmatch B.L. . . . 88, 172
Dominguez J. . . . 300
Dondelinger R.F. . . . 428
Dorffner R. . . . 129, 179
Douek P. . . . 11
Dumoulin C.L. . . . 404
Dussaussois L. . . . 454
Dyet J.F. . . . 475
Edmondson R.A. . . . 168
Ernst S. . . . 319
Escalante E. . . . 300
Ettles D.F. . . . 475
Eyal A. . . . 176
Farrés M.T. . . . 399
Fava C. . . . 393
Ferreira J. . . . 454
Finet G. . . . 11
Florio F. . . . 421
Fournet J.-C. . . . 151
Freudenberg N. . . . 487
Fujimoto M. . . . 419
Fujiwara K. . . . 205, 208
Fukushima T. . . . 138, 240
Gabelmann A. . . . 487
Galli J. . . . 393
Gambhir D.S. . . . 219
Gawenda M. . . . 319
Gehani A.A. . . . 481
Geisinger M. . . . 88
Gemma K. . . . 345
Geschwind J.-F.H. . . . 424
Giacobbe A. . . . 421
Gishen P. . . . 122
Glüer C.C. . . . 142
Goldberg S.N. . . . 273
Golzarian J. . . . 454
Goodman D.N.F. . . . 69
Goodman M.A. . . . 79
Goodwin S.C. . . . 135
Górriz E. . . . 41
Göttmann D. . . . 375
Gottschalk E. . . . 158
Gourtsoyiannis N.C. . . . 36
Grande C. . . . 450
Grollman J.H. Jr. . . . 183, 514
Grosskortenhaus S. . . . 411
Grosso M. . . . 393
Gupta H. . . . 508
Günther R.W. . . . 189, 199, 411
Gussenhoven E.J. . . . 367
Ha-Kawa S.K. . . . 297
Haberstroh J. . . . 158, 487
Hagspiel K.D. . . . 503
Hahn D. . . . 225
Haight M.A. . . . 63
Hany T.F. . . . 1
Harding J. . . . 433
Hareyama M. . . . 342
Harnek J. . . . 57
Harris V.J. . . . 324
Hartley D. . . . 79
Hartnell G. . . . 512
Hassam R. . . . 433
Hata Y. . . . 230
Hatjidakis A.A. . . . 36
Hausegger K.A. . . . 334
Hauser H. . . . 334
Hayashi N. . . . 138, 240
Hayashi S. . . . 27, 255
Hayes P.C. . . . 187
Hebron D. . . . 176
Heindel W. . . . 319
Heissler M. . . . 151

Heller M. 73, 84, 142
Hikita H. 254
Himeno E. 459
Hino A. 419
Hiramatsu K. 347
Hirano T. 66
Hiraoka M. 205, 208
Hofmann E. 404
Hölzenbein T. 179
Horimi T. 230
Hosoda Y. 102
Houston J.G. 31
Hudson M. 234
Hutek P. 497
Ilgit E.T. 386
Inagaki R. 138, 240
Ino T. 102
Inoue H. 251
Inoue Y. 17
Ishii T. 240
Ishii Y. 138
Isoda K. 254
Ito K. 258
Ivancev K. 305
Jahnke T. 380
Jaksha M.M. 91
Jalan R. 187
Janne d-Othée B. 445
Joffre F. 445
Johnson M.S. 324
Kalinowski E.A. 337
Kamino T. 497
Kaminou T. 255
Karampekios S. 36
Kariya H. 297
Kato N. 66
Kato T. 251
Katoh K. 419
Katsumori T. 419
Katz M.D. 63
Kaul U.A. 219
Kawamata H. 345
Kawasaki S. 102
Kawlra S. 439
Kenn W. 225
Kilbinger M. 199
Kim H.J. 435
Kim K.S. 435
Kimura M. 27
Kishi K. 27
Kishiro M. 102
Kitagawa M. 138, 240
Klimpfinger M. 334
Klose K.J. 50
Klosterhalfen B. 189
Kobayashi H. 138
Kodama R.T. 69
Koedam N. 261
Kohata Y. 258
Koizumi J. 254, 347
Komuro H. 138
Kos X. 428
Kotoura Y. 208
Krahe T. 319
Krajina A. 497
Kubota T. 138
Kueffer G. 246
Kueppers V. 225
Kulke C. 146
Kumazaki T. 345
Kurita A. 254
Kusano S. 254
Kutsukake Y. 27
Kvernebo K. 329
Kwak B.G. 435
Laborde F. 151
Lackner K. 319
Laerum F. 329
Lagrange C. 399
Laméris J.S. 116
Lammer J. 129, 179, 214
Lammert G. 88
Langer M. 487
Largiader J. 22
Latimer J. 234
Lawrence-Brown M.M.D. 79
Lee Y.C. 435
Leung D.A. 1
Lim S.J. 435
Lindh M. 305
Linsenmaier U. 464
Liu J.M. 350
Long P. 88
Lopez E. 300
Lorch H. 146
Loriaux M. 497
Lucas C. 487
MacDonald A.W. 475
Machan L.S. 31
Maeda T. 419
Maier S.E. 404
Mangel E. 464
Manninen H.I. 361
Manshausen G. 319
Martina M.C. 393
Mason R. 501
Masuda A. 342
Matsi P.J. 361
Matsui O. 45
Matsumoto A.H. 503
Matsumura K. 66
Matsuo R. 255
Matsuoka T. 45, 255
Maurer E.J. 503
Maynar M. 41
McColl I. 168
McGraw J.K. 503
McNamara T.O. 135
Meholic A.J. 91
Meyerovitz M.F. 314
Min C.H. 435
Mitsumori M. 205, 208
Miyazono N. 251
Mizowaki T. 205, 208
Moll T. 11
Montaña X.J. 300
Morgan R.A. 501
Morita K. 342
Morita S. 230
Morita Y. 230
Morvay Z. 76
Mouri M. 347
Mueller P.R. 273
Müller C. 214

Müller-Hülsbeck S. 73, 84, 142
Munck J.-N. 399
Murata T. 297
Muratore P. 339
Murgo S. 454
Murphy T.P. 508
Musset D. 151
Nagata Y. 205, 208, 251
Nagy E. 76
Naito A. 258
Nakagawa T. 66
Nakajo M. 251
Nakamura H. 17, 254
Nakamura K. 255
Nakashima Y. 249
Nardella M. 421
Ng C.S. 122
Nicholson A.A. 475
Nicholson T. 470
Nishida H. 251
Nishimoto K. 102
Nishimoto Y. 138
Nishimura Y. 208
Nishiue T. 419
Nomura Y. 66
Nouwen J. 116
Nyman U. 305
Ogura H. 138
Ohura K. 205
Ohya N. 205
Okajima K. 205, 208
Okubo M. 102
Önal B. 386
Ostheim-Dzerowycz W. 109
Otal P. 445
Ozawa Z. 230
Özbek E. 386
Pagan-Marin H. 314
Palau R. 151
Panayiotopoulos Y. 168
Pardo M.D. 41
Park H.J. 435
Parry R.L. 63
Paul L. 450
Pavcnik D. 497
Perez F. 41
Perri F. 421
Pfammatter T. 404
Pfeffel F. 214
Pfeifer K.J. 464
Picard C. 11
Pieterman H. 367
Pinto I.T. 450, 506
Pleass H.C.C. 244
Polak J.F. 314
Prassopoulos P. 36
Prendergast F.J. 79
Prokesch R. 129, 179
Pulido-Duque J.M. 41
Rabbia C. 339
Raissaki M. 36
Raith J. 334
Rajani M. 439
Ramirez L. 399
Razavi M.K. 135
Redhead D.N. 187
Reekers J.A. 261, 431
Rees C.J. 234
Rees M.A. 481
Reidy J.F. 168, 357, 448
Revel D. 11
Reyes R. 41
Rieger J. 464
Roche A. 399
Rock C. 464
Roebuck D.J. 63
Roefke C. 380
Rogers W.J. 324
Rose J.D.G. 234, 244
Rossato D. 339
Rougier P. 399
Roy S. 329
Ruebben A. 339
Sa E.J. 435
Sadato N. 138
Safadi R. 88
Saha R. 219
Saibil E.A. 69
Sakai T. 138, 240
Sakariassen K.S. 329
Salisbury J.R. 122
Salizzoni M. 393
Sanada J.-I. 45
Sancho C. 300
Sandison A.J.P. 168
Sasai K. 208
Sato M. 27
Savader S.J. 424
Savio D. 339
Sayre J. 135
Schellhammer F. 158
Schenk F. 464
Schenk T. 214
Scheppach W. 225
Schmidt A. 129
Schmitz-Rode T. 199
Schoch E. 22
Schoepke W. 22
Schumacher M. 158
Schürmann K. 189, 411
Schwarzenberg H. 73, 84
Scott-Mackie P.L. 501
Seiving B. 57
Sharma S. 439
Sherman S. 324
Shim H.J. 435
Shimamoto K. 342
Shimizu K. 208
Shioyama Y. 27
Shirato M. 419
Siemens P. 319
Sieunarine K. 79
Snidow J.J. 324
Soares G.M. 508
Soldano U. 393
Sonomura T. 27
Spinosa D.J. 503
Stanley P. 63
Steckmeier B. 246
Stenram U. 57
Stoeckelhuber B. 246
Stösslein F. 165
Strecker E.-P. 487
Strecker E.-P.K. 109, 375

Stricker H. . . . 488
Struyven J. . . . 454
Stuckmann G. . . . 22
Stuhrmann M. . . . 380
Suzuki K. . . . 27
Szeimies U. . . . 246
Takasaki M. . . . 230
Takase K. . . . 419
Takashima S. . . . 255
Takeda K. . . . 66
Takeda M. . . . 342
Takeuchi M. . . . 249, 459
Tamakawa M. . . . 342
Tanaka J. . . . 27
Tanaka M. . . . 138
Tanaka S. . . . 27
Tanaka Y. . . . 297
Taneja K. . . . 439
Tani N. . . . 419
Tauss J. . . . 334
Taylor P.R. . . . 168, 448
Terada M. . . . 27
Tettoni S. . . . 339
Thurnher S. . . . 129, 179
Tibballs J.M. . . . 79
Tiessenhausen K. . . . 334
Timmermans H. . . . 497
Tiu C.-M. . . . 350
Toyota N. . . . 258
Trerotola S.O. . . . 324, 337
Trotteur G. . . . 428
Tschammler A. . . . 225
Turetschek K. . . . 129
Turjman F. . . . 11
Turmel-Rodrigues L.A.E. . . . 442
Tyagi S. . . . 219
Uchida B.T. . . . 497
Ueno K. . . . 251
Uher P. . . . 305
Uppenkamp R. . . . 189
Ushimi T. . . . 27
Valldeperas J. . . . 300
van der Lugt A. . . . 367
van Lankeren W. . . . 367
van Overhagen H. . . . 116
van Sambeek M.R.H.M. . . . 367
van Schie G.P. . . . 79
Vasilakis S.I. . . . 36
Vega F. . . . 41
Veltri A. . . . 393
Venbrux A.C. . . . 424
Verma P.K. . . . 219
Vetter S. . . . 375
Vidal J. . . . 300
Vorwerk D. . . . 189, 411
Vural M. . . . 386
Wagner H.-J. . . . 50
Wakhloo A.K. . . . 158
Walter M. . . . 319
Watanabe M. . . . 347
Wataya S. . . . 205
Weiss H.-D. . . . 146
Whang-Peng J. . . . 350
Wiebke E.A. . . . 324
Wielenga J. . . . 116
Wigger P . . . 22
Wildermuth S. . . . 404
Wiltschke C. . . . 214
Winkelbauer F. . . . 214
Wittenberg G. . . . 225
Wu C.-W. . . . 350
Wyatt M.G. . . . 244
Xu Z. . . . 487
Xynos E. . . . 36
Yabuta K. . . . 102
Yada I. . . . 66
Yama N. . . . 342
Yamada R. . . . 255
Yamakado K. . . . 66
Yamamoto T. . . . 240
Yamashita K. . . . 249
Yao N.-S. . . . 350
Yoon C. . . . 135
Yoshida S. . . . 342
Yoshikawa J. . . . 45
Youssefzadeh S. . . . 179
Yuasa H. . . . 66
Yücel C. . . . 386
Zhou X.-H. . . . 324
Zielinski C. . . . 214
Zollikofer C.L. . . . 22
Zoucas E. . . . 57
Zwaan M. . . . 146

Subject Index

Abdominal arterial system, 3-D contrast MRA, 1
Adenocarcinoma, liver, chemotherapy, 57
Afferent loop, percutaneous transhepatic duodenal drainage, 350
Amplatz thrombectomy device,
—, guidewire-controlled, 84
—, stent interaction, 73
Aneurysm,
—, aortoiliac, stent-graft, 244
—, femoral, spiral CT, 342
—, hemodialysis access grafts, stents, 334
—, iliac, covered stent, 339
—, subclavian, covered nitinol stent, 246
Angiography,
—, assessment of pedi angioplasty, 102
—, digital subtraction,
—,—, pseudocoarctation of aorta, 439
—,—, reducing artifacts, 138
—, femoropopliteal artery, 367
—, magnetic resonance,
—,—, abdominal arterial system, 1
—,—, pseudocoarctation of aorta, 439
—, recruitable coronary collaterals, 249
—, stereoscopic digital system, 11
—, transbrachial selective pulmonary, new catheter system, 347
—, intravascular ultrasound, stent stenosis, 189
Angioplasty,
—, and thrombolysis for femoropopliteal occlusion, 470
—, dialysis access grafts, 314
—, in children, 102
—, intrarenal Doppler waveform after, 380
—, lower-limb, complications, 361
—, mesenteric ischemia, 305
—, MR-guided, assessment, 404
—, subclavian, aortoarteritis, 219
Aorta,
—, pseudocoarctation, imaging comparison, 439
—, stent-graft, complication, 79
Aortic ulcer, stent-graft treatment, 454
Aortic valve, Starr-Edwards, strut fracture, 91
Aortic wall, effect of stent on, 45
Aortoarteritis, subclavian angioplasty, 219
Aortoiliac aneurysm, stent-graft, 244
Arteriovenous malformation, liquid embolization, 258
Artery,
—, bronchial, embolization, 300
—, femoral, retrograde to antegrade cannulation, 514
—, femoropopliteal, IV ultrasound and angiography, 367
—, iliac,
—,—, single vs tandem stents, in sheep, 411
—,—, 3-D MRA, 345
—, renal,
—,—, spiral CT, 179
—,—, tear, Palmaz stent, 69
—, uterine, embolization, fibroid disease, 357
Artifacts, digital subtraction angiography, 138
Aseptic technique, face masks?, 448
Atherectomy, directional, thermal tissue damage, 481
Atrioventricular embolus, percutaneous retrieval, 433
Balloon angioplasty, in children, 102
Balloon-occluded retrograde transvenous obliteration, 27
Balloon sheath to prevent stent embolization, 431
Behçet's disease, femoral artery aneurysm, 342
Biopsy,
—, bone, radiologically guided, 122
—, needle, 19 G Quick-Core, 88
Bone biopsy, radiologically guided, 122
Bone tumor, transcatheter arterial embolization, 205, 208
Bronchial artery embolization, 300
Carcinoma, hepatocellular, embolization, 214
Catheter
—, comparison, intravascular drug delivery, 50
—, dialysis, recanalization, 435
—, Hickman, complications, 116
—, port system, infusion therapy, 109
—, removal, cholecystostomy, 36
—, triple coaxial, visceral catheterization, 255
Central venous access, 109
—, implantable port, 230
—, infection, 116
Chemotherapy,
—, adenocarcinoma, liver, 57
—, liver, percutaneous mitoxantrone, 399
Cholecystoduodenal fistula, stent complication, 251
Cholecystostomy, percutaneous, tract maturation, 36
Cirrhosis, gastric varices, 27
Coil, Berenstein liquid, embolization, 297
Computed tomography,
—, guidance, lumbar sympathectomy, 319
—, pseudocoarctation of aorta, 439
—, spiral,
—,—, femoral aneurysm, 342
—, —, renal arteries, 179
Cor pulmonale, Z stent placement, 254
Coronary angiography, collaterals, 249
Coronary flow reserve, stenting after angioplasty, 459
Coronary-to-ventricular shunts, 183
Deep vein thrombosis, animal model, 329
Dialysis access grafts,
—, intervention vs surgery, 314
—, thrombolysis, 135
Dialysis catheter recanalization, 435
Digital imaging, stereoscopic angiography, 11
Digital subtraction angiography,
—, pseudocoarctation of aorta, 439
—, radiation exposure, 240
—, reducing artifacts, 138
Directional atherectomy, after iliac stent failure, 475
Doppler waveform, intrarenal, after angioplasty, 380
Drainage, percutaneous transhepatic duodenal, afferent loop, 350
Drug delivery, intravascular, catheters, 50
Electrocauterization, dialysis catheter, 435
Embolism, pulmonary,
—, LGM and titanium Greenfield filters, 225
—, simulated flow pattern, 199
Embolization,
—, Berenstein liquid coil, 297
—, bronchial artery, anomalous origin, 300
—, hepatocellular carcinoma, 214
—, liquid, AVM malformation, 258
—, selective arterial
—,—, for pseudoaneurysm, 506
—,—, for urinoma, 506
—, stent, balloon sheath to prevent, 431
—, transcatheter arterial, bone tumor, 205, 208
—, treatment for stent-caused esophageal hemorrhage, 428
—, triple coaxial catheter system, 255
—, uterine artery, fibroid disease, 357
Embolus, right atrioventricular, percutaneous retrieval, 433
Endoprosthesis, Cragg, thrombectomy device interaction, 73
Esophageal hemorrhage, from metal stent, 428
Esophageal perforation, conical Wallstent, 501
Ethanol on adenocarcinoma, liver, 57

Face masks, necessity for in intervention, 448
Fallopian tube recanalization, 31
Femoral artery, retrograde to antegrade cannulation, 512
Femoropopliteal artery, IV ultrasound and angiography, 367
Femoropopliteal occlusions, PTA and thrombolysis, 470
Fibrinolysis, rt-PA, hyperthermic, 142
Fibroid disease, uterine artery embolization, 357
Filter, vena cava,
—, Anthéor, embolization to pulmonary artery, 165
—, guidewire entrapment by, 424
—, inferior, temporary, assessment, 464
—, LGM and titanium Greenfield, 225
—, retrievable Dibie-Musset, 151
—, temporary, 146
Fistula, cholecystoduodenal, stent complication, 251
Gastric varices, balloon-occlusion, 27
Gastrointestinal hemorrhage,
—, transcatheter treatment, 503
—, Wallstent erosion, 63
Gastrostomy/gastrojejunostomy, comparison of access methods, 324
Guidewire entrapment by vena cava filter, 424
Hand ischemia, injury related, 261
Hemodialysis access graft aneurysm, stent, 334
Hemorrhage,
—, esophageal, from metal stent, 428
—, GI
—,—, transcatheter treatment, 503
—,—, Wallstent erosion, 63
—, intracerebral, after SMA thrombolysis, 419
—, lumber arterial, spontaneous, 337
Hemospermia, liquid embolization, 258
Heparin, low molecular weight, reduces stenosis, 375
Hepatic neoplasms, percutaneous treatment, 273
Hepatocellular carcinoma,
—, embolization, 214
—, radiology treatment pre-transplant, 393
Hyaluronidase on adenocarcinoma, liver, 57
Iliac aneurysm, covered stent, 339
Iliac artery,
—, single vs tandem stent, in sheep, 411
—, stent failure, directional atherectomy for, 475
—, 3-D MRA, 345
Imaging comparison, pseudocoarctation of aorta, 439
Infection, Hickman catheter, 116
Infection control,
—, face masks?, 448
—, interventional radiology, 445
Inferior vena cava, filter, temporary, assessment, 464
Infertility, tube recanalization, 31
Interventional radiology, infection control, 445
Intimal hyperplasia, effect of dexamethasone-coated stent, 487
Intraarterial infusion therapy, 109
Intraarterial thrombolysis, ischemic limb, 168
Intrahepatic portosystemic shunt, congenital, 421
Intrarenal Doppler waveform after angioplasty, 380
Intratesticular varicocele, 76
Intravascular drug delivery, catheters, 50
Ischemia,
—, hand, injury related, 261
—, limb, intraarterial thrombolysis, 168
—, mesenteric, endovascular treatment, 305
Ischemic limb disease, catheter port system, 109
Kidney transplant, vascular complications, 129
Lacrimal system,
—, complication, 450
—, polyurethane stent, 41
Liver,
—, adenocarcinoma, chemotherapy, 57
—, biopsy, Quick Core needle, 88
—, cirrhosis, gastric varices, 27
—, neoplasms, percutaneous mitoxantrone, 399
—, transplant, preop radiological treatment for HCC, 393
Lumbar arterial hemorrhage, spontaneous, 337
Lumbar sympathectomy, CT-guided, 319
Magnetic resonance,
—, angiography,
—,—, pseudocoarctation of aorta, 439
—,—, iliac artery, 345
—,—, abdominal arterial system, 1
—, guidance for angioplasty, assessment, 404
May-Thurner syndrome, metallic stent, 22
Mesenteric ischemia,
—, endovascular treatment, 305
—, Z-stent, 66
Mitomycin on adenocarcinoma, liver, 57
Nasolacrimal stent, complication, 450
Needle, puncture, subclavian vein recanalization, 508
Neoplasms,
—, hepatic, percutaneous treatment, 273
—, liver, percutaneous mitoxantrone, 399
Nicardipine, dose for portography, 17
Occlusion, femoropopliteal, PTA and thrombolysis, 470
Pediatric balloon angioplasty, 102
Pelvic vein spur, stent, 22
Percutaneous cholecystostomy, tract maturation, 36
Percutaneous transluminal angioplasty, lower-limb, complications, 361
Peripheral vascular system, thrombolysis, 95
Plain film, pseudocoarctation of aorta, 439
Port, implantable, central venous access, 230
Portal vein, flow dynamics, 17
Portography, dose of nicardipine, 17
Portosystemic shunt,
—, congenital intrahepatic, 421
—, patency and reintervention, 234
Pseudoaneurysm, post-trauma, embolization, 506
Pseudocoarctation of aorta, imaging comparison, 439
Pulmonary angiography, transbrachial selective, new catheter system, 347
Pulmonary embolism,
—, LGM and titanium Greenfield filters, 225
—, simulated flow pattern, 199
Pulse-spray thrombolysis, dialysis access grafts, 135
Puncture needle, subclavian vein recanalization, 508
Radiation exposure during DSA, 240
Radiological treatment for HCC pre-transplant, 393
Radiologically guided bone biopsy, 122
Recanalization,
—, fallopian tube, 31
—, subclavian vein with puncture needle, 508
Renal artery,
—, spiral CT, 179
—, tear, Palmaz stent, 69
Renal transplant, vascular complications, 129
Retrieval, percutaneous, atrioventricular embolus, 433
Reversal technique, femoral artery cannulation, 512
Rotational atherectomy, thermal tissue damage, 481
rt-PA, hyperthermic fibrinolysis, 142
Salpingitis isthmica nodosa, recanalization, 31
Shunt,
—, insufficiency after TIPSS, 187
—, portosystemic,
—,—, congenital intrahepatic, 421

—,—, patency and reintervention, 234
—, 3 coronary artery-to-left ventricular, 183
Spiral CT, renal arteries, 179
Starr-Edwards aortic valve, strut fracture, 91
Stenosis,
—, aortic and iliac, stent, 386
—, stent, low molecular weight heparin, 375
Stent,
—, complication, cholecystoduodenal fistula, 251
—, conical Wallstent, for esophageal perforation, 501
—, covered,
—,—, iliac aneurysms, 339
—,—, nitinol, subclavian aneurysm, 246
—, dexamethasone-coated, effect on intimal hyperplasia, 487
—, effect on aortic wall, 45
—, embolization, balloon sheath to prevent, 431
—, ePTFE graft-covered, TIPS stenosis, 172
—, for coronary flow reserve after angioplasty, 459
—, hemodialysis access graft aneurysm, 334
—, iliac, failure, directional atherectomy for, 475
—, interlocking, graft-venous anastomosis, 176
—, lacrimal system, polyurethane, 41
—, mesenteric ischemia, 305
—, metal,
—,—, causing esophageal hemorrhage, 428
—,—, May-Thurner syndrome, 22
—, nasolacrimal, complications, 450
—, Palmaz, renal artery tear, 69
—, plaques in aortic and iliac stenosis, 386
—, single vs tandem, iliac artery in sheep, 411
—, stenosis,
—,—, intravascular ultrasound vs angiography, 189
—,—, low molecular weight heparin, 375
—, thrombectomy device interaction, 73
—, vascular, vein graft-coated, in dogs, 158
—, Wallstent, GI erosion, 63
—, Z,
—,—, for cor pulmonale, 254
—,—, mesenteric ischemia, 66
Stent-graft,
—, endovascular,
—,—, aortic, complication, 79
—,—, aortoiliac aneurysm, 244
—, polyurethane-coated, dacron-covered, for TIPS, 497
—, treatment for aortic ulcer, 454
Stereo fluoroscopy, 11
Subclavian,
—, aneurysm, covered nitinol stent, 246
—, aortoarteritis, 219
—, vein recanalization with puncture needle, 508
Sympathectomy, lumbar, CT-guided, 319
Thermal tissue damage, rotational atherectomy, 481
Thrombectomy, Amplatz device, guidewire controlled, 84
Thrombolysis,
—, and PTA for femoropopliteal occlusion, 470
—, continuous vs pulse-spray, dialysis access graft, 135
—, dialysis access grafts, 314
—, intraarterial, ischemic limb, 168
—, peripheral vascular system, 95
—, rt-PA, hyperthermic, 142
—, SMA intracerebral hemorrhage after, 419
Thrombosis, deep vein, animal model, 329
TIPS,
—, polyurethane-coated, dacron-covered stent-grafts, 497
—, stenosis, ePTFE graft-covered stent, 172
TIPSS,
—, patency and reintervention, 234
—, shunt insufficiency after, 187
Transcatheter arterial embolization, bone tumor, 205, 208
Transplant, liver, vascular complications, 129
Ulcer, aortic, stent-graft treatment, 454
Ultrasound,
—, assessment of pedi angioplasty, 102
—, intravascular,
—,—, femoropopliteal artery, 367
—,—, vs angiography, stent stenosis, 189
Urinoma, selective arterial embolization, 506
Uterine artery embolization, fibroid disease, 357
Varices, gastric, balloon occlusion, 27
Varicocele, intratesticular, 76
Vasa vasorum, effect of stent, 45
Vascular stent, vein graft-coated, in dogs, 158
Vena cava filter,
—, Anthéor, embolization to pulmonary artery, 165
—, LGM and titanium Greenfield, 225
—, retrievable Dibie-Musset, 151
Vena cava,
—, inferior, filter, temporary, assessment, 464
—, filter, guidewire entrapment by, 424
—, temporary filters, 146
Venous access, central, implantable port, 230
Venous spur, pelvic, stent, 22
VX2 sarcoma, transcatheter arterial embolization, 205, 208
Wallstent,
—, conical, for esophageal perforation, 501
—, GI hemorrhage, 63
Z-stent, mesenteric ischemia, 66